RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: _____ 10/774,271_____

Source: _____ IFWO _____

Date Processed by STIC: _____ 09/07/2006

ENTERED

RAW SEQUENCE LISTING   DATE: 09/07/2006
PATENT APPLICATION: US/10/774,271   TIME: 14:51:04

Input Set : **A:\10-774271 - 099425-0100.ST25.txt**
Output Set: **N:\CRF4\09062006\J774271.raw**

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 3 <110> APPLICANT: Lipton, James M.
 5 <120> TITLE OF INVENTION: METHODS AND COMPOUNDS FOR TREATING MALABSORPTION DISEASES
AND
 6        INFLAMMATORY CONDITIONS OF THE GASTROINTESTINAL TRACT
 8 <130> FILE REFERENCE: 099425-0100
10 <140> CURRENT APPLICATION NUMBER: 10/774,271
11 <141> CURRENT FILING DATE: 2004-02-06
13 <150> PRIOR APPLICATION NUMBER: 60/445,542
14 <151> PRIOR FILING DATE: 2003-02-06
16 <160> NUMBER OF SEQ ID NOS: 19
18 <170> SOFTWARE: PatentIn version 3.3
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 13
22 <212> TYPE: PRT
23 <213> ORGANISM: Homo sapiens
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28 1               5                   10
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32 <211> LENGTH: 3
33 <212> TYPE: PRT
34 <213> ORGANISM: Artificial
36 <220> FEATURE:
37 <223> OTHER INFORMATION: Fragment of SEQ ID NO:1
39 <400> SEQUENCE: 2
41 Lys Pro Val
42 1
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46 <211> LENGTH: 10
47 <212> TYPE: PRT
48 <213> ORGANISM: Artificial
50 <220> FEATURE:
51 <223> OTHER INFORMATION: Fragment of SEQ ID NO:1
53 <400> SEQUENCE: 3
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56 1               5                   10
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60 <211> LENGTH: 8
61 <212> TYPE: PRT
62 <213> ORGANISM: Artificial
64 <220> FEATURE:
65 <223> OTHER INFORMATION: Fragment of SEQ ID NO:1
67 <400> SEQUENCE: 4
69 His Phe Arg Trp Phe Lys Pro Val
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 74 <211> LENGTH: 8
 75 <212> TYPE: PRT
 76 <213> ORGANISM: Artificial
 78 <220> FEATURE:
 79 <223> OTHER INFORMATION: Syntheitic derviative of SEQ ID NO:1
 82 <220> FEATURE:
 83 <221> NAME/KEY: MOD_RES
 84 <222> LOCATION: (2)..(2)
 85 <223> OTHER INFORMATION: Nle
 87 <400> SEQUENCE: 5
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 90 1                 5
 93 <210> SEQ ID NO: 6
 94 <211> LENGTH: 8
 95 <212> TYPE: PRT
 96 <213> ORGANISM: Artificial
 98 <220> FEATURE:
 99 <223> OTHER INFORMATION: Synthetic dimer derivative of carboxy terminus of SEQ ID NO:1
102 <220> FEATURE:
103 <221> NAME/KEY: DISULFID
104 <222> LOCATION: (4)..(5)
106 <400> SEQUENCE: 6
108 Val Pro Lys Cys Cys Lys Pro Val
109 1                 5
112 <210> SEQ ID NO: 7
113 <211> LENGTH: 3
114 <212> TYPE: PRT
115 <213> ORGANISM: Artificial
117 <220> FEATURE:
118 <223> OTHER INFORMATION: Synthetic derivative of SEQ ID NO:1
121 <220> FEATURE:
122 <221> NAME/KEY: MISC_FEATURE
123 <222> LOCATION: (2)..(2)
124 <223> OTHER INFORMATION: Pro is D-isomer
126 <400> SEQUENCE: 7
128 Lys Pro Val
129 1
132 <210> SEQ ID NO: 8
133 <211> LENGTH: 13
134 <212> TYPE: PRT
135 <213> ORGANISM: Artificial
137 <220> FEATURE:
138 <223> OTHER INFORMATION: Synthetic, modified derivative of SEQ ID NO:1
141 <220> FEATURE:
142 <221> NAME/KEY: MISC_FEATURE
143 <222> LOCATION: (4)..(4)
144 <223> OTHER INFORMATION: X is Nle
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        146 <220> FEATURE:
        147 <221> NAME/KEY: MISC_FEATURE
        148 <222> LOCATION: (7)..(7)
        149 <223> OTHER INFORMATION: Phe is D-isomer
        151 <400> SEQUENCE: 8
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        154 1               5                   10
        157 <210> SEQ ID NO: 9
        158 <211> LENGTH: 3
        159 <212> TYPE: PRT
        160 <213> ORGANISM: Artificial
        162 <220> FEATURE:
        163 <223> OTHER INFORMATION: Synthetic, modified derivative of SEQ ID NO:1
        166 <220> FEATURE:
        167 <221> NAME/KEY: MISC_FEATURE
        168 <222> LOCATION: (1)..(1)
        169 <223> OTHER INFORMATION: Acetylated
        171 <220> FEATURE:
        172 <221> NAME/KEY: MISC_FEATURE
        173 <222> LOCATION: (2)..(2)
        174 <223> OTHER INFORMATION: D-isomer of Lys
        176 <400> SEQUENCE: 9
        178 Lys Pro Val
        179 1
        182 <210> SEQ ID NO: 10
        183 <211> LENGTH: 21
        184 <212> TYPE: DNA
        185 <213> ORGANISM: Artificial
        187 <220> FEATURE:
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        190 <400> SEQUENCE: 10
        191 gagggcaagc gctcctactc c                              21
        194 <210> SEQ ID NO: 11
        195 <211> LENGTH: 21
        196 <212> TYPE: DNA
        197 <213> ORGANISM: Artificial
        199 <220> FEATURE:
        200 <223> OTHER INFORMATION: Synthetic oligonucleotide primer
        202 <400> SEQUENCE: 11
        203 ggggccctcg tccttcttct c                              21
        206 <210> SEQ ID NO: 12
        207 <211> LENGTH: 19
        208 <212> TYPE: DNA
        209 <213> ORGANISM: Artificial
        211 <220> FEATURE:
        212 <223> OTHER INFORMATION: Synthetic oligonucleotide primer
        214 <400> SEQUENCE: 12
        215 gccaccatcg ccaagaacc                                 19
        218 <210> SEQ ID NO: 13
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220 <212> TYPE: DNA
221 <213> ORGANISM: Artificial
223 <220> FEATURE:
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226 <400> SEQUENCE: 13
227 atagccagga agaagacca                                              19
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231 <211> LENGTH: 24
232 <212> TYPE: DNA
233 <213> ORGANISM: Artificial
235 <220> FEATURE:
236 <223> OTHER INFORMATION: Synthetic oligonucleotide primer
238 <400> SEQUENCE: 14
239 cggtggccga catgctggta agtg                                        24
242 <210> SEQ ID NO: 15
243 <211> LENGTH: 24
244 <212> TYPE: DNA
245 <213> ORGANISM: Artificial
247 <220> FEATURE:
248 <223> OTHER INFORMATION: Synthetic oligonucleotide primer
250 <400> SEQUENCE: 15
251 tgaggagcat catggcgaag aaca                                        24
254 <210> SEQ ID NO: 16
255 <211> LENGTH: 21
256 <212> TYPE: DNA
257 <213> ORGANISM: Artificial
259 <220> FEATURE:
260 <223> OTHER INFORMATION: Synthetic oligonucleotide primer
262 <400> SEQUENCE: 16
263 cattgctgtg gaggtgtttc t                                           21
266 <210> SEQ ID NO: 17
267 <211> LENGTH: 21
268 <212> TYPE: DNA
269 <213> ORGANISM: Artificial
271 <220> FEATURE:
272 <223> OTHER INFORMATION: Synthetic oligonucleotide primer
274 <400> SEQUENCE: 17
275 gccgtcatga tgtggtggta g                                           21
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279 <211> LENGTH: 26
280 <212> TYPE: DNA
281 <213> ORGANISM: Artificial
283 <220> FEATURE:
284 <223> OTHER INFORMATION: Synthetic oligonucleotide primer
286 <400> SEQUENCE: 18
287 tgaaggtcgg agtcaacgga tttggt                                      26
290 <210> SEQ ID NO: 19
291 <211> LENGTH: 24
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RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/774,271

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292 <212> TYPE: DNA
293 <213> ORGANISM: Artificial
295 <220> FEATURE:
296 <223> OTHER INFORMATION: Synthetic oligonucleotide primer
298 <400> SEQUENCE: 19
299 catgtgggcc atgaggtcca ccac                                      24
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RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 09/07/2006
PATENT APPLICATION: US/10/774,271   TIME: 14:51:05

Input Set : **A:\10-774271 - 099425-0100.ST25.txt**
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Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:5; Xaa Pos. 2
Seq#:8; Xaa Pos. 4

Invalid <213> Response:
Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19

VERIFICATION SUMMARY   DATE: 09/07/2006
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Input Set : **A:\10-774271 - 099425-0100.ST25.txt**
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L:89 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0
L:153 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0